

FIG. 1

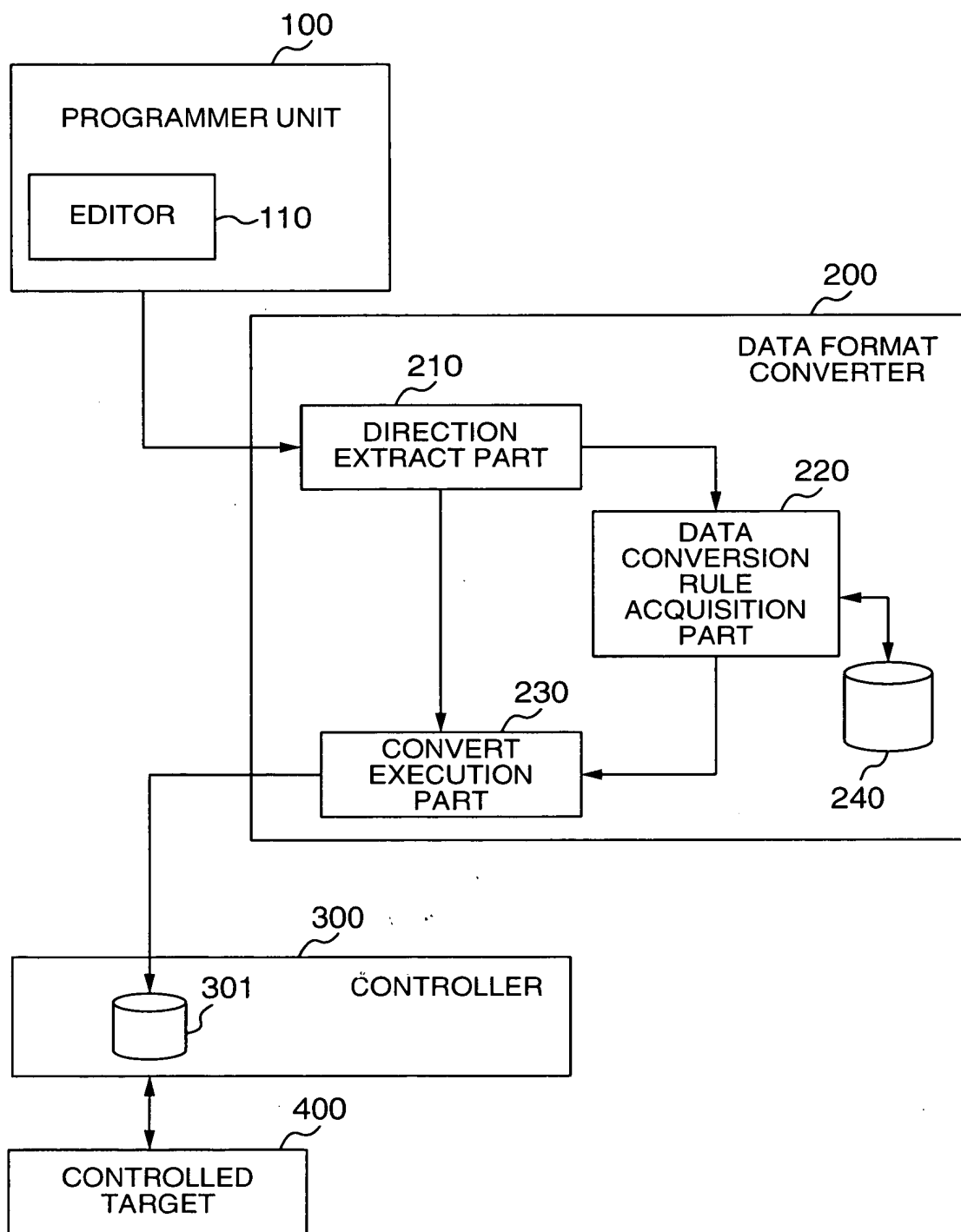


FIG. 2

```

1 :  <?xml version="1.0"?>
2 :  <!DOCTYPE PLCSRC SYSTEM "someURL/plc.dtd">
3 :  <PLCSRC>
4 :      <DESCRIPTION>
5 :          <TYPE>CTL-A</TYPE>
6 :          <DEST>192.168.1.1</DEST>
7 :          <SRC>192.168.1.2</SRC>
8 :      </DESCRIPTION>
9 :      <PRG>
10 :          <!-- Program HERE -->
11 :      </PRG>
12 : </PLCSRC>

```

FIG. 3

```

5 :      <TYPE SRC="XML-C" DEST="MAC-4">EQ-XY</TYPE>

```

FIG. 4

120 TYPE NAME	121 OBJECT CONTROLLER	122 PRE- CONVERSION FORMAT	123 POST- CONVERSION FORMAT
CTL-A	A TYPE CONTROLLER	MAC-1	MAC-2
EQ-XY	XY SPECIFICATION-BASED APPARATUS	MAC-3 XML-C LANG-D	MAC-4 XML-E

FIG. 5

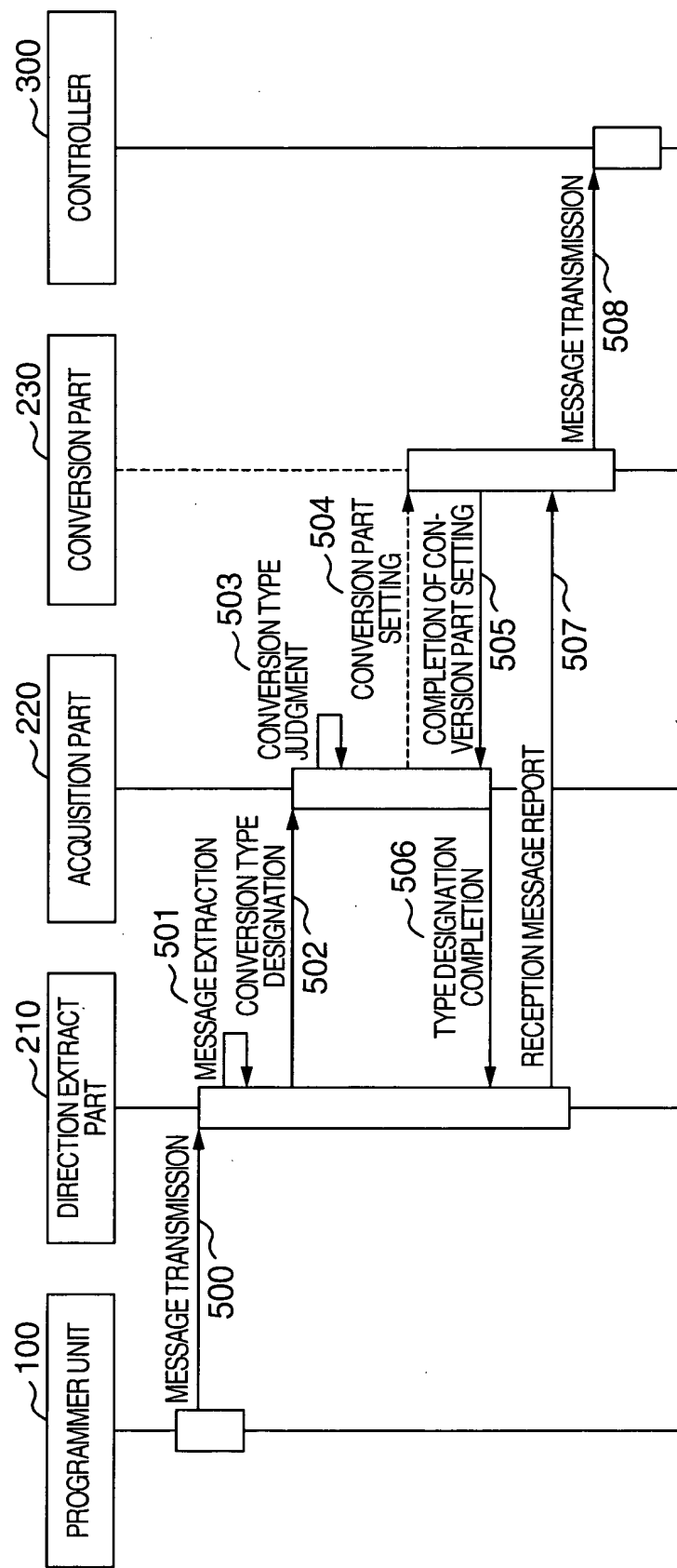


FIG. 6

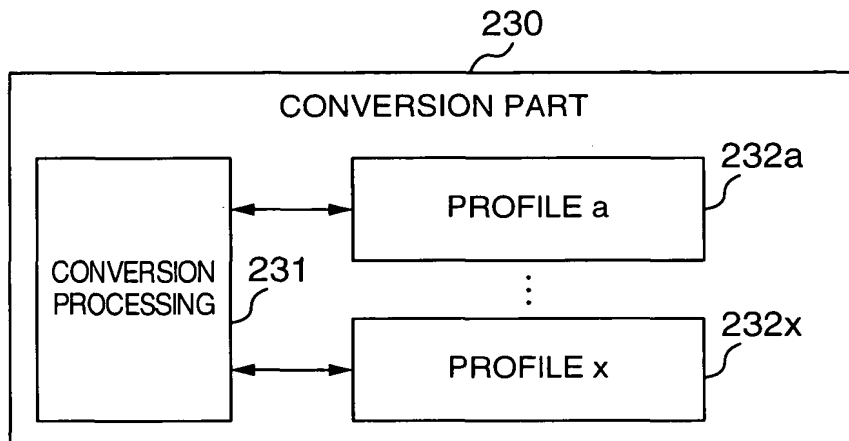


FIG. 7

```
1:  <?xml version="1.0"?>
2:  <!DOCTYPE PROFILE SYSTEM "someURL/profile.dtd">
3:  <PROFILE>
4:    <RULE>
5:      <ORG>Start</ORG>
6:      <CNV>B</CNV> <!-- B stands for Begin -->
7:    </RULE>
8:    <RULE>
9:      <ORG>Finish</ORG>
10:     <CNV>E</CNV> <!-- E stands for End -->
11:   </RULE>
12:   ...
13: </PROFILE>
```

FIG. 8

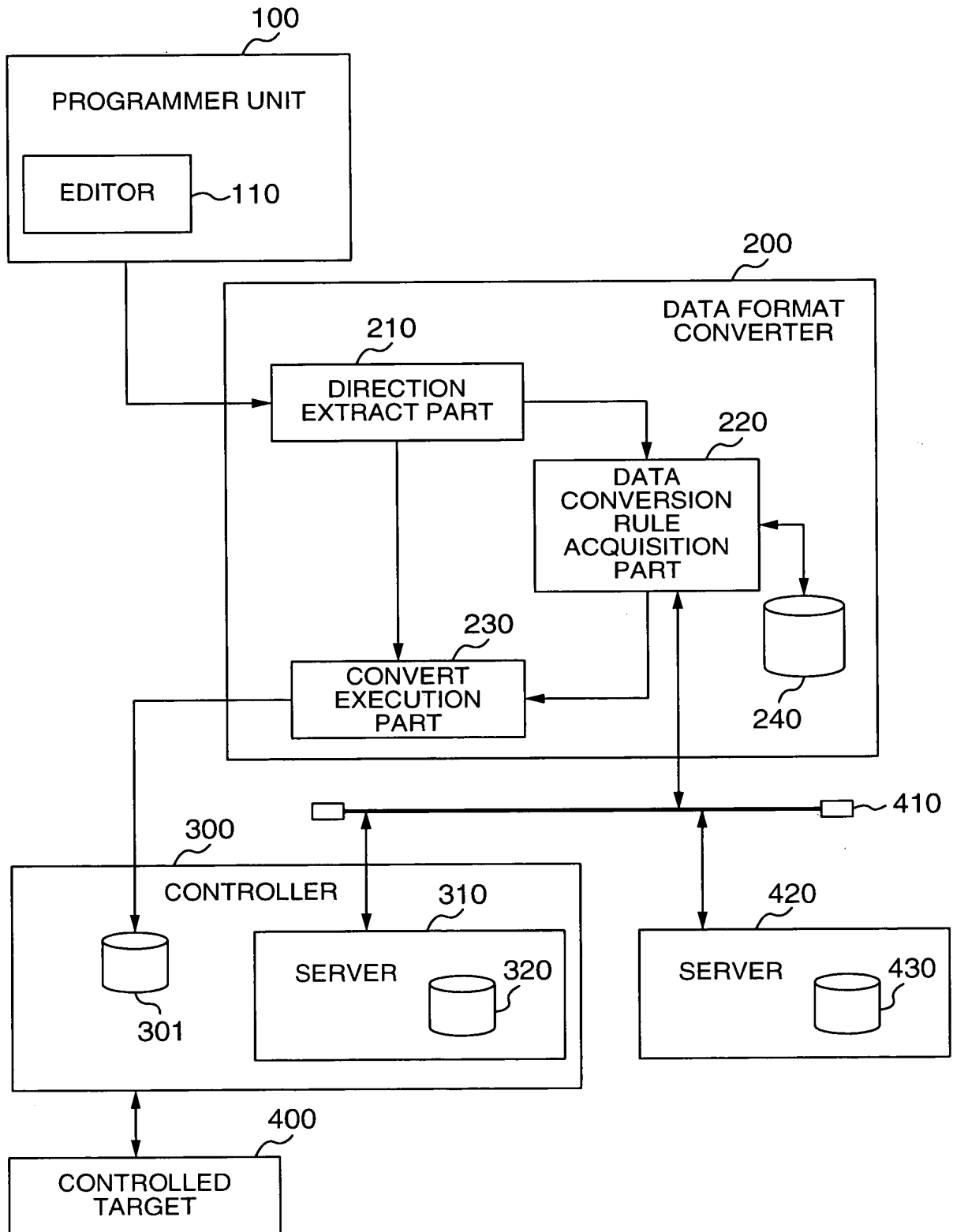


FIG. 9

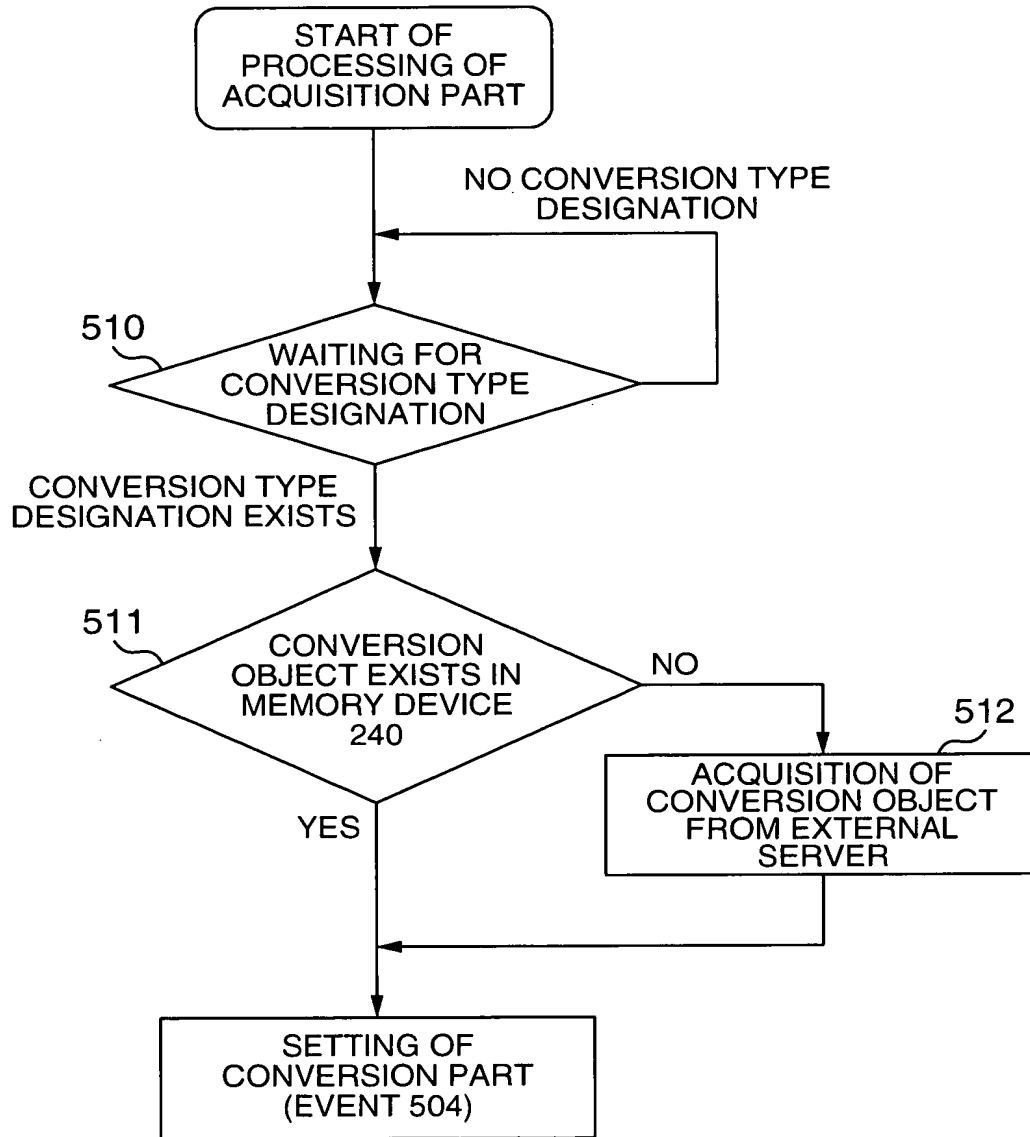


FIG. 10

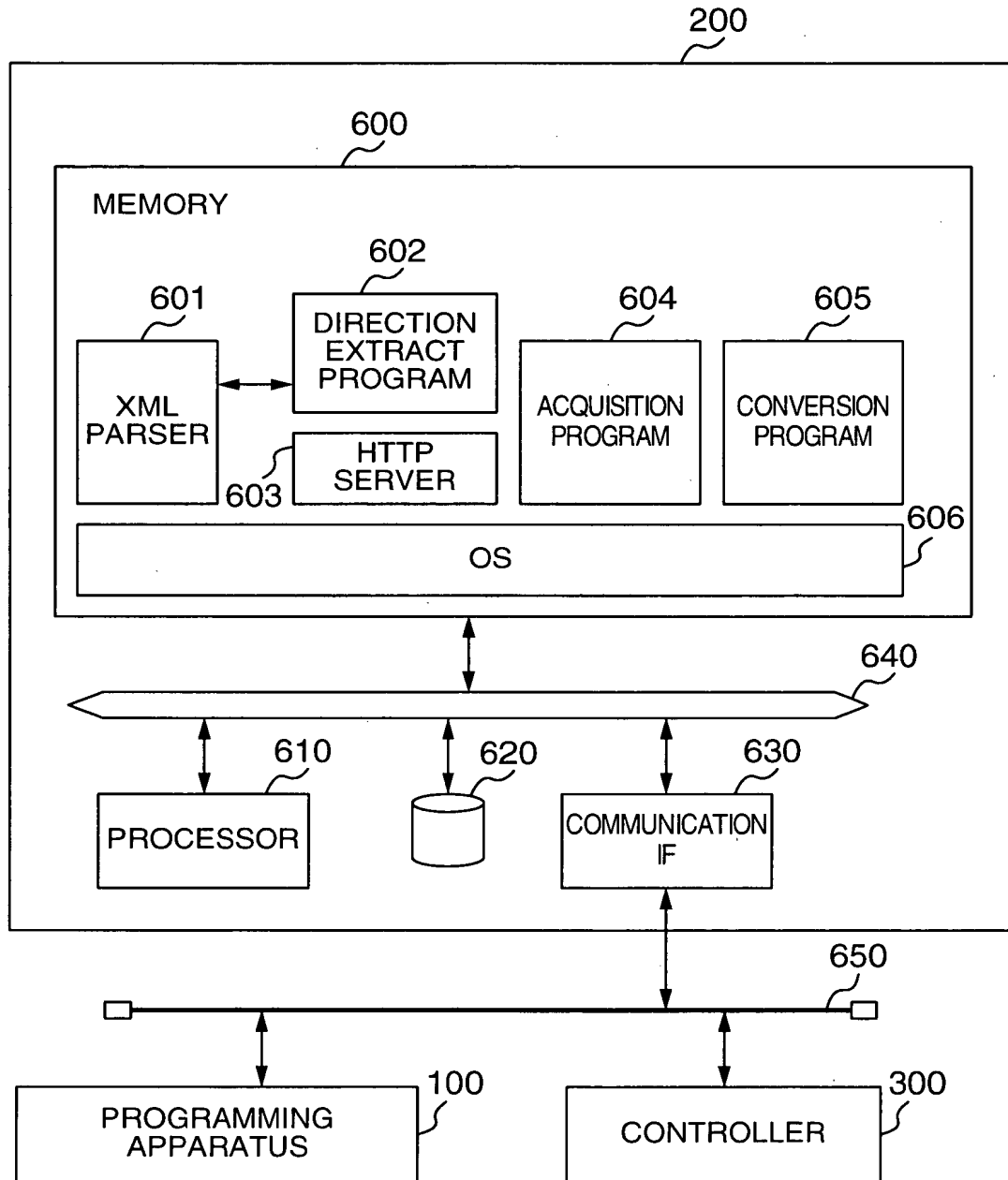


FIG. 11

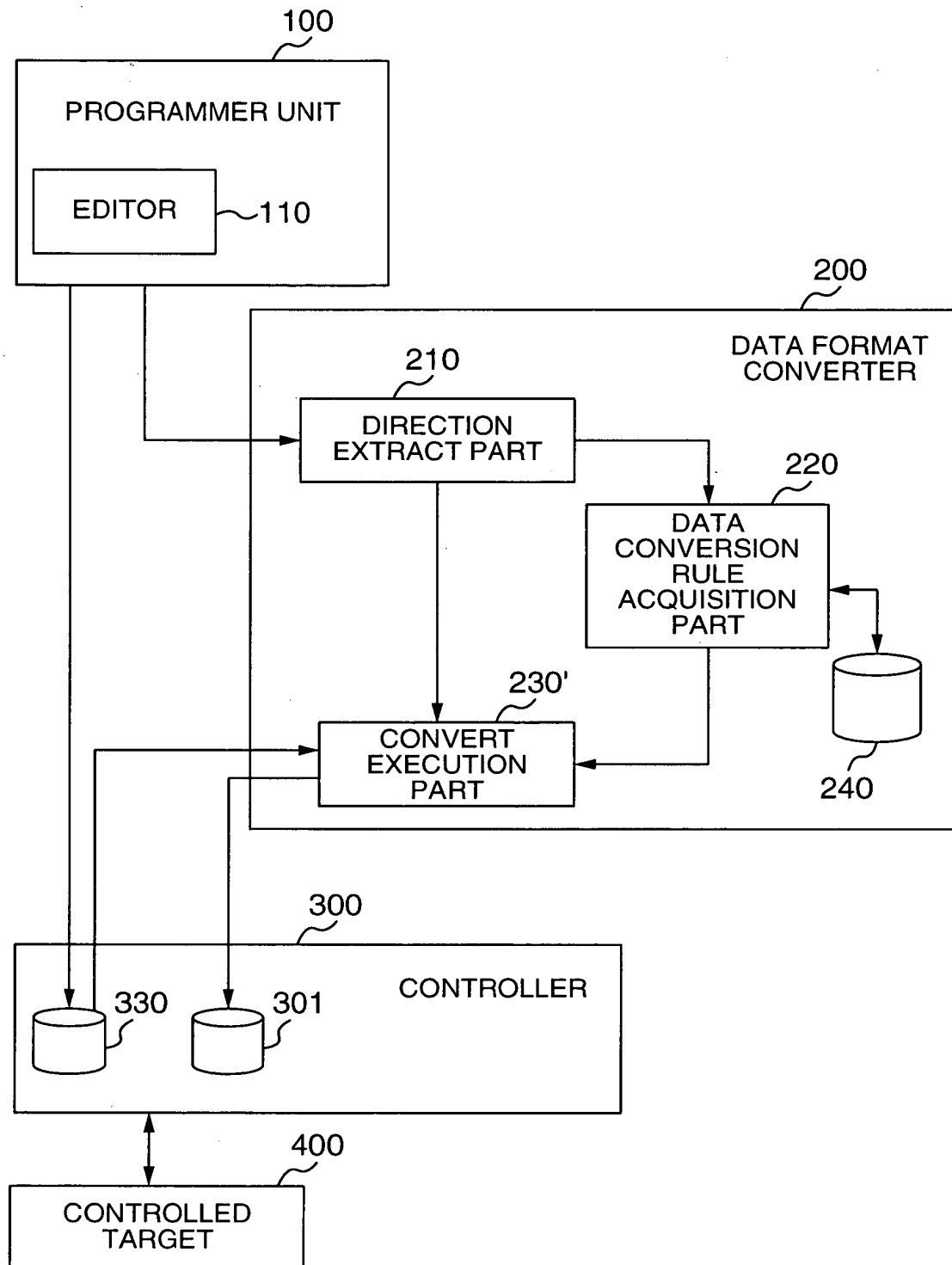


FIG. 12

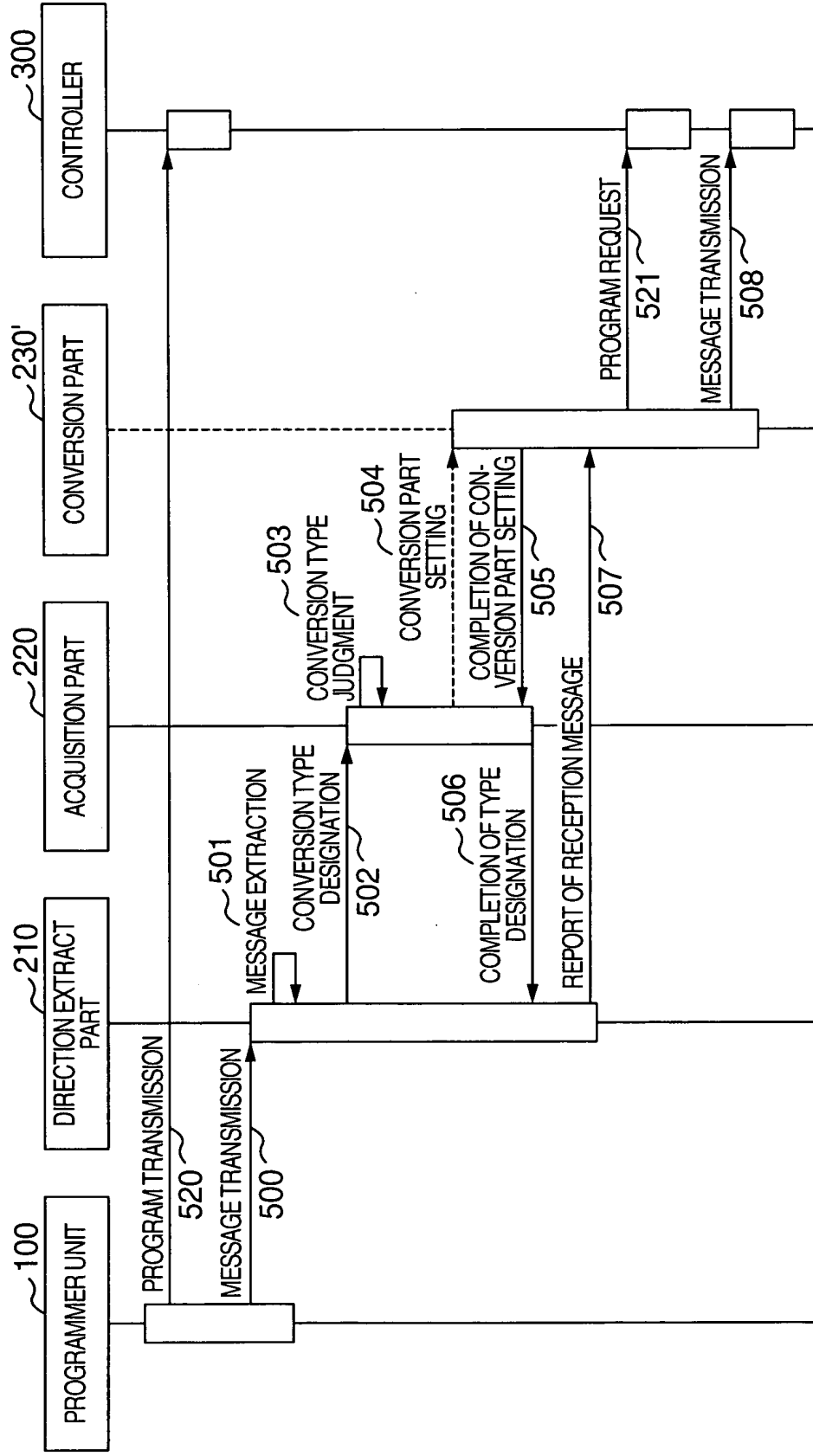


FIG. 13

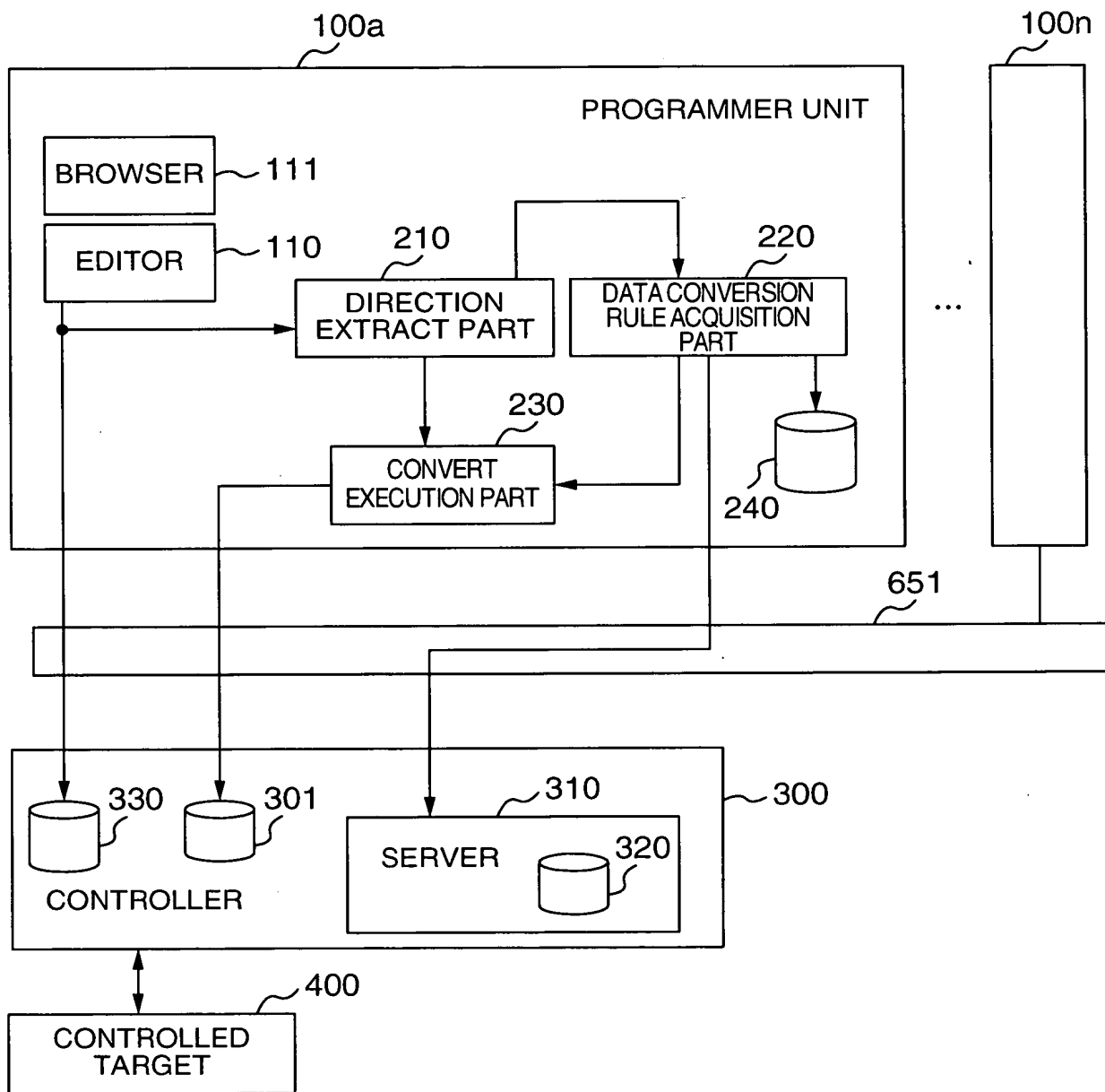


FIG. 14

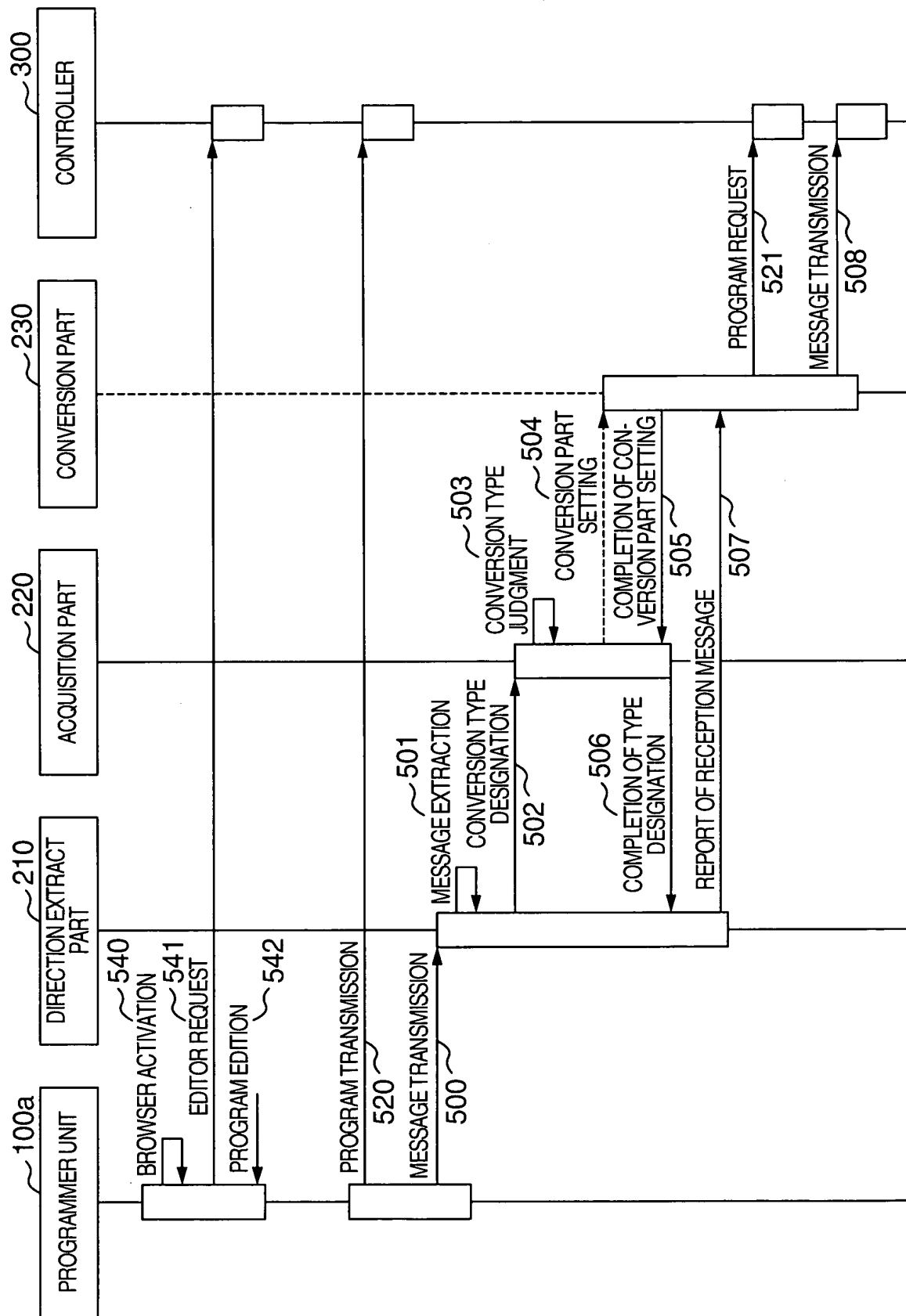


FIG. 15

